

CORD Algebra 1

Provides instruction in the essential elements of a first-year algebra course. This textbook emphasizes learning in context. This program includes instruction, activities, math labs, problem solving, and critical thinking.

Contract Price

\$64.97

Grade

9,10,11,12

TYPE

P1

Copyright

2009

Author

CORD

Edition

3rd

Content

Algebra 1

Readability

Lexile 940

Accessibility

Nimas

Research

CORD
Communications,
Waco, TX

Teacher Edition

Essential Items

Ancillary Items

Free with Purchase items

9781578374278 Chapter Resource Book \$90.97

1 per 25 student texts purchased

9781578374286 Lab Data Sheets \$59.97

1 per 25 student texts purchased

9781578374294 Software Generated Assessment \$186.97

1 per school

9781578374308 Teacher's Ancillaries on CD-ROM \$165.97

Can be substituted for the hard copies of the teacher resources

Student textbook online

free with purchase of student texts

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9781578374251		Publisher - CORD Communications		Provided by the Publisher
	CORD Algebra 1				
	Type - P1	Author - CORD			
	Copyright - 2009	Edition - 3rd	Readability - Lexile 940		
	Course - Algebra 1		Grade(s) - 9,10,11,12		
Teacher Edition ISBN if applicable 978157837426X					

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have
chosen NOT recommend as basal

[Click here to enter text.](#)

NIMAC Accessibility N
Ancillary Yes
Free with Purchase Yes
Research Yes CORD Communications, Waco, TX

Provides instruction in the essential elements of a first-year algebra course. This textbook emphasizes learning in context. This program includes instruction, activities, math labs, problem solving, and critical thinking.

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Moderate Evidence

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|--------------------------------------------|-------------------|
| a) Number Properties and Operations | Moderate Evidence |
| b) Measurement | Moderate Evidence |
| c) Geometry | Moderate Evidence |
| d) Data Analysis and Probability | Moderate Evidence |
| e) Algebraic Thinking | Moderate Evidence |

2) Addresses content-specific enduring understandings from the related Program of Studies standards. Moderate Evidence

3) Addresses content-specific skills and concepts from the related Program of Studies standards. Moderate Evidence

4) Content addressed is current, relevant and non-trivial Strong Evidence

5) Provides opportunities for critical thinking/reasoning Moderate Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

Strengths:

Review problems in each section. Activities built into each chapter.

Weaknesses:

acks extensions of content material.

B. Functionality & Suitability	Moderate Evidence
-------------------------------------------	--------------------------

1) Suitability

Moderate Evidence

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality

Moderate Evidence

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy

Moderate Evidence

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology

Moderate Evidence

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners

Moderate Evidence

- Provides support for ESL students
 - Provides support for differentiation of instruction in diverse classrooms
 - Challenge for gifted and talented students
-

- Support for students with learning difficulties
Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Uses a variety of differentiation strategies.

Promotes contextual learning through REACT (relating, experiencing, applying, cooperating & transferring) strategies.

Quality activities embedded in text.

Glossary has a Spanish Version

Weaknesses:

Lack of web resources.

Limited support for ESL students.

Not challenging for Gifted and Talented Students.

Glossary lacks examples and/or diagrams

C. Supports Inquiry and Skill Development	Moderate Evidence
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1) Promotes Inquiry, research and Application of Learning

Moderate Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

Moderate Evidence

- Provides opportunities to make sense of all mathematics
 - Provides opportunities to recognize, create, and extend patterns.
 - Provides opportunities for critical thinking and reasoning.
 - Provides opportunities to justify/prove responses.
 - Provides opportunities to ask deeper questions.
 - Contains embedded activities (or extensions) that emphasize use of technology for problem solving
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Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Strengths:

Strong evidence of evaluating information

Activities designed to strengthen decision making skills

Conceptual understanding is emphasized through patterns and predictions

Weaknesses:

Lacks the use of research in activities

Limited higher level cognitive skills (ex. Hints embedded in problems)

D. Supports Best Practices of Teaching and Learning	Moderate Evidence
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1) Engages Students

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction

Moderate Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Strengths:

Applications are relevant and practical

Variety of topics used in activities

Weaknesses:

Assessment strategies limited to formal assessment

E. Has an Organization/ Format that Supports Learning and Teaching	Moderate Evidence
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1) Organizational Quality

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Choose an item.

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Organized text

Visually appealing

Quality open response type questions that are relevant to students

Weaknesses:

Teacher text – three hole punched format is not durable

Lack of various media forms

NO ESSENTIAL COMPONENTS BEYOND STUDENT AND TEACHER TEXT

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Moderate Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

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- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Strengths:

Lab sheets available

Reteaching activities excellent for intervention

Weaknesses:

Lack of extensions for gifted students
